

10603779\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10603779 on September 13, 2004

```

23  340/628      (8 OR, 15 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/500      CONDITION RESPONSIVE INDICATING SYSTEM
      340/540      .Specific condition
      340/603      ..Fluent material
      340/627      ...Particle suspension in fluid
      340/628      ....Smoke

21  340/630      (9 OR, 12 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/500      CONDITION RESPONSIVE INDICATING SYSTEM
      340/540      .Specific condition
      340/603      ..Fluent material
      340/627      ...Particle suspension in fluid
      340/628      ....Smoke
      340/630      .....Photoelectric

12  340/629      (2 OR, 10 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/500      CONDITION RESPONSIVE INDICATING SYSTEM
      340/540      .Specific condition
      340/603      ..Fluent material
      340/627      ...Particle suspension in fluid
      340/628      ....Smoke
      340/629      .....Ionization

9   250/574      (1 OR, 8 XR)
      Class 250 : RADIANT ENERGY
      250/200      PHOTOCELLS; CIRCUITS AND APPARATUS
      250/216      .Optical or pre-photocell system
      250/573      ..Fluent material in optical path
      250/574      ...Scattered or reflected light

5   250/573      (0 OR, 5 XR)
      Class 250 : RADIANT ENERGY
      250/200      PHOTOCELLS; CIRCUITS AND APPARATUS
      250/216      .Optical or pre-photocell system
      250/573      ..Fluent material in optical path

5   340/506      (2 OR, 3 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/500      CONDITION RESPONSIVE INDICATING SYSTEM
      340/501      .With particular system function (e.g.,

```

10603779\_CLSTITLES

340/506           temperature compensation, calibration)  
                   ..Alarm system supervision

5   340/521           (1 OR, 4 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/501        .With particular system function (e.g.,  
                           temperature compensation, calibration)  
       340/517        ..Selection from a plurality of sensed  
                           conditions  
       340/521        ...Plural diverse conditions

5   340/584           (0 OR, 5 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/540        ..Specific condition  
       340/584        ..Thermal

4   340/511           (1 OR, 3 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/501        .With particular system function (e.g.,  
                           temperature compensation, calibration)  
       340/506        ..Alarm system supervision  
       340/511        ...Threshold or window (e.g., of analog  
                           electrical level)

4   340/517           (1 OR, 3 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/501        .With particular system function (e.g.,  
                           temperature compensation, calibration)  
       340/517        ..Selection from a plurality of sensed  
                           conditions

4   340/531           (1 OR, 3 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/531        ..With particular coupling link '

4   340/539.1          (0 OR, 4 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500        CONDITION RESPONSIVE INDICATING SYSTEM  
       340/531        ..With particular coupling link  
       340/539.1       ..Radio

4   340/693.5          (0 OR, 4 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL

10603779\_CLSTITLES

	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/693.5	.Specified housing
4	356/438	(0 OR, 4 XR)
	Class 356	: OPTICS: MEASURING AND TESTING
	356/432	FOR LIGHT TRANSMISSION OR ABSORPTION
	356/436	.Of fluent material
	356/437	..Gas
	356/438	...Exhaust, dust or smoke
3	250/381	(0 OR, 3 XR)
	Class 250	: RADIANT ENERGY
	250/336.1	INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING
	250/374	.Including a radiant energy responsive gas discharge device
	250/379	..With means to supply the gas
	250/381	...With radioactive source
3	340/522	(2 OR, 1 XR)
	Class 340	: COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/501	.With particular system function (e.g., temperature compensation, calibration)
	340/517	..Selection from a plurality of sensed conditions
	340/521	...Plural diverse conditions
	340/522	....Combined for response
3	340/539.22	(0 OR, 3 XR)
	Class 340	: COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/531	.With particular coupling link
	340/539.1	..Radio
	340/539.22	...Having plural distinct sensors (i.e., for surrounding conditions)
3	340/577	(0 OR, 3 XR)
	Class 340	: COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/540	.Specific condition
	340/577	..Flame
3	340/587	(2 OR, 1 XR)
	Class 340	: COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/540	.Specific condition
	340/584	..Thermal

10603779 CLSTITLES

- 340/587                   ...False alarm resistant
- 3   340/632               (2 OR, 1 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/500           CONDITION RESPONSIVE INDICATING SYSTEM  
       340/540           .Specific condition  
       340/603           ..Fluent material  
       340/632           ...Gas
- 2   169/5                (0 OR, 2 XR)  
       Class   169 :   FIRE EXTINGUISHERS  
       169/5            FLUID SYSTEMS
- 2   169/60               (0 OR, 2 XR)  
       Class   169 :   FIRE EXTINGUISHERS  
       169/54           SPECIAL APPLICATIONS  
       169/56           ..Condition responsive control  
       169/60           ..Sensor, control and actuator
- 2   169/61               (0 OR, 2 XR)  
       Class   169 :   FIRE EXTINGUISHERS  
       169/54           SPECIAL APPLICATIONS  
       169/56           ..Condition responsive control  
       169/60           ..Sensor, control and actuator  
       169/61           ...Electrical control
- 2   250/575               (0 OR, 2 XR)  
       Class   250 :   RADIANT ENERGY  
       250/200           PHOTOCELLS; CIRCUITS AND APPARATUS  
       250/216           ..Optical or pre-photocell system  
       250/573           ..Fluent material in optical path  
       250/575           ...Plural paths
- 2   340/10.1             (0 OR, 2 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/825           SELECTIVE  
       340/10.1          .Interrogation response
- 2   340/286.05           (1 OR, 1 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/286.01       SYSTEMS  
       340/286.04       ..Manual alarm telegraph; e.g., other than  
                           signal box type  
       340/286.05       ..Fire
- 2   340/309.16           (0 OR, 2 XR)  
       Class   340 :   COMMUNICATIONS:   ELECTRICAL  
       340/286.01       SYSTEMS

10603779\_CLSTITLES

- 340/309.16 .Timer control
- 2 340/309.8 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/286.01 SYSTEMS  
 340/309.16 .Timer control  
 340/309.8 ..Separate diverse device activated by timer
- 2 340/508 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/501 .With particular system function (e.g.,  
 temperature compensation, calibration)  
 340/506 ..Alarm system supervision  
 340/508 ...Redundant (e.g., added circuit or loop)
- 2 340/514 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/501 .With particular system function (e.g.,  
 temperature compensation, calibration)  
 340/514 ..Testing
- 2 340/527 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/501 .With particular system function (e.g.,  
 temperature compensation, calibration)  
 340/527 ..Time delay
- 2 340/538 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/531 .With particular coupling link  
 340/533 ..Wired  
 340/538 ...Combined with power line
- 2 340/636.15 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/540 .Specific condition  
 340/635 ..Condition of electrical apparatus  
 340/636.1 ...Battery  
 340/636.15 ....By voltage
- 2 340/691.4 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM

10603779\_CLSTITLES

340/691.1      .Specified indicator structure  
340/691.4      ..Plural

2   340/693.11      (0 OR, 2 XR)  
Class   340 :   COMMUNICATIONS:   ELECTRICAL  
340/500           CONDITION RESPONSIVE INDICATING SYSTEM  
340/693.5        .Specified housing  
340/693.9        ..Having specified mounting structure  
340/693.11       ...To wall or ceiling

2   340/825.69      (0 OR, 2 XR)  
Class   340 :   COMMUNICATIONS:   ELECTRICAL  
340/825           SELECTIVE  
340/825.57        .Pulse responsive actuation  
340/825.62        ..Serial  
340/825.69        ...Radio link

2   379/39           (0 OR, 2 XR)  
Class   379 :   TELEPHONIC COMMUNICATIONS  
379/37            EMERGENCY OR ALARM COMMUNICATIONS (E.G.,  
                  WATCHMAN'S CIRCUIT)  
379/39            .Responsive to sensed nonsystem condition

2   379/40           (1 OR, 1 XR)  
Class   379 :   TELEPHONIC COMMUNICATIONS  
379/37            EMERGENCY OR ALARM COMMUNICATIONS (E.G.,  
                  WATCHMAN'S CIRCUIT)  
379/39            .Responsive to sensed nonsystem condition  
379/40            ..Automatic dialing

2   455/404.1       (1 OR, 1 XR)  
Class   455 :   TELECOMMUNICATIONS  
455/403           RADIOTELEPHONE SYSTEM  
455/404.1        .Emergency or alarm communication

10603779\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10603779 on September 13, 2004

Original Classifications

9	340/630
8	340/628
2	340/506
2	340/522
2	340/587
2	340/629
2	340/632

Cross-Reference Classifications

15	340/628
12	340/630
10	340/629
8	250/574
5	250/573
5	340/584
4	340/521
4	340/539.1
4	340/693.5
4	356/438
3	250/381
3	340/506
3	340/511
3	340/517
3	340/531
3	340/539.22
3	340/577
2	169/5
2	169/60
2	169/61
2	250/575
2	340/10.1
2	340/309.16
2	340/309.8
2	340/508
2	340/691.4
2	340/693.11
2	340/825.69
2	379/39

Combined Classifications

23	340/628
21	340/630
12	340/629

10603779\_CLS

9 250/574  
5 250/573  
5 340/506  
5 340/521  
5 340/584  
4 340/511  
4 340/517  
4 340/531  
4 340/539.1  
4 340/693.5  
4 356/438  
3 250/381  
3 340/522  
3 340/539.22  
3 340/577  
3 340/587  
3 340/632  
2 169/5  
2 169/60  
2 169/61  
2 250/575  
2 340/10.1  
2 340/286.05  
2 340/309.16  
2 340/309.8  
2 340/508  
2 340/514  
2 340/527  
2 340/538  
2 340/636.15  
2 340/691.4  
2 340/693.11  
2 340/825.69  
2 379/39  
2 379/40  
2 455/404.1



10603779\_EAST

(4364031  
4823015  
4827247  
5243330  
5764142  
6097288  
4254414  
4292513  
4300133  
4316184  
4401978  
4405919  
4471346  
4528555  
4556873  
4568924  
4594581  
4774502  
4788530  
4812821  
4901056  
5053754  
5260687  
RE34704  
5381130  
5388144  
5451931  
5523744  
5565852  
5594422  
5721530  
5745849  
5790018  
5808541  
5831526  
5945924  
6078269  
6081192  
6104301  
6150935  
6160483  
6222455  
6222455  
6351219  
6353395  
6380860  
4030086  
4065759

10603779\_EAST

4149159  
4180742).pn.